

## HORIZONTAL PROFILE PROJECTORS



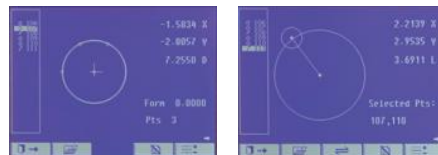
ISP-W4025



ISP-A7000E

digital readout of **ISP-A7000E**

- touch buttons
- USB data output to Excel
- show diagram

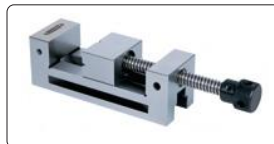


software flash disk  
(included, only for **ISP-A7000E**)

### OPTIONAL ACCESSORY



lens



vise



rotary table



demo sample (need rotary table)



printer (only for **ISP-A7000E**)


















50mm reading scale  
(check magnification accuracy)



300mm calibration scale (check magnification accuracy together with 50mm reading scale or calibrate measuring accuracy)

## SPECIFICATION

Code		ISP-W4025			ISP-A7000E		
Edge detector		not included			included		
Lens	magnification	5X (optional)	10X (standard)	20X (optional)	50X (optional)	100X (optional)	
	view field	Ø80mm	Ø40mm	Ø20mm	Ø8mm	Ø4mm	
	working distance	93.7mm	103.9mm	95.1mm	65.7mm	35mm	
Magnification accuracy		±0.08%					
Image		erect image					
Projector screen		diameter: Ø400mm					
		rotation range: 0°~360°, resolution: 1" or 0.01°					
		reference lines: cross-hairs					
Stage	metal stage size	450×200mm					
	turning range	±15°					
	X-Z stage travel	range: 250×150mm					
		resolution: 0.5µm					
		accuracy: (4+L/25)µm    L is the measuring length in mm					
	Y (focus) travel range	100mm					
max. load capacity	50kg						
Illumination		contour illumination: 24V/150W halogen lamp, brightness is adjustable					
		surface illumination: 21V/150W halogen lamp (with 2 fibers), position is adjustable					
Data processing unit	display	X-Z stage travel, screen rotation					
	output	RS232C			RS232C, USB (data output to Excel)		
	function		measure coordinate of point				measure coordinate of point
			measure coordinate of line				measure coordinate of line
			measure center coordinate, radius of circle with three points				measure center coordinate, radius of circle with three points
			measure distance between two objects				measure distance between two objects
			measure angle with four points or two lines				measure angle with four points or two lines
			set origin of coordinate				coordinate transform
		coordinate transform				choose measurement object automatically according to the selective point and display the result	
	set midpoint of coordinate						
advanced function		—			programming for batch measurements		
Power supply		220V, 50/60Hz					
Dimension (L×W×H)		646×1215×1210mm					
Net weight		240kg					

## STANDARD DELIVERY

Main unit	1 pc
10X lens	1 pc
Overlay chart clip	4 pcs
Foot-switch	1 pc
Anti-dust cover	1 pc
Software (only for ISP-A7000E) and USB cable	1 pc

## OPTIONAL ACCESSORY

5X lens	ISP-A7000-LENS5X
20X lens	ISP-A7000-LENS20X
50X lens	ISP-A7000-LENS50X
100X lens	ISP-A7000-LENS100X
300mm calibration scale	ISP-A1000-RULE
50mm reading scale	ISP-A1000-SCALE50

Swivel center support (for ISP-A7000E/ISP-W4025)	ISP-A3000-SUPPORT
Demo sample	ISP-A1000-DEMO
V-block with clamp	ISP-A3000-VBLOCK
Rotary table	ISP-A3000-RTABLE
Vise	ISP-A3000-VISE
Printer (only for ISP-A7000E)	ISP-A1000-PRINTER